

DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Trulite Window & Door Solutions, LLC 8130 NW 74th Avenue Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1400 Impact View" Outswing Aluminum Casement Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W01-52, titled "Series-1400 ImpactView Alum. Casement Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 08/08/01 with revision H dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA # 11-0222.03 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMIDADE COUNTY APPROVED

NOA No. 12-0118.25 Expiration Date: October 25, 2016 Approval Date: March 15, 2012 Page 1

MIAMI-DADE COUNTY

Miami, Florida 33175-2474

www.miamidade.gov/pera/

11805 SW 26 Street, Room 208

PRODUCT CONTROL SECTION

T (786) 315-2590 F (786) 315-2599

Trulite Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W01-52, Sheets 1 through 7 of 7, titled "Series-1400 ImpactView Alum. Casement Wdw. (L.M.I.)", dated 08/08/01 with revision H dated 12/23/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94.
 - 2) Large Missile Impact Test, per SFBC, PA 201-94.
 - 3) Cyclic Wind Pressure Loading Test, per SFBC, PA 203-94. along with installation diagram of an aluminum casement window, prepared by Fenestration Testing Laboratory report No. **FTL-3762**, dated 06/10/03, signed and sealed by Joseph Chan, P.E.

(Submitted under previous NOA #07-1018.06)

- 2. Test reports on: 1) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94.
 - 2) Large Missile Impact Test, per SFBC, PA 201-94.
 - 3) Cyclic Wind Pressure Loading Test, per SFBC, PA 203-94. along with installation diagram of an aluminum casement window, prepared by Fenestration Testing Laboratory report No. **FTL-3758**, dated 04/01/03, signed and sealed by Joseph Chan, P.E.

(Submitted under previous NOA #07-1018.06)

- 3. Test reports on: 1) Air Infiltration Test, per SFBC, PA 202-94.
 - 2) Uniform Load Static Air Pressure Test, per SFBC, PA 202-94.
 - 3) Water Resistance Test, per SFBC, PA 202-94.
 - 4) Forced Entry Resistance Test, per AAMA 1302.5.
 - 5) Large Missile Impact Test, per SFBC, PA 201-94.
 - 6) Cyclic Wind Pressure Loading Test, per SFBC, PA 203-94.

along with installation diagram of an XX configuration 76" wide by 76" high aluminum casement window glazed with 5/16" HS *Saflex*, prepared by Fenestration Testing Laboratory report No. **FTL-2954**, dated 10/10/01, signed and sealed by Luis Antonio Figueredo, P.E. (Revised marked-up drawing was submitted on September 26, 2001)

(Submitted under previous NOA #01-08147.07)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 05/06/09, 09/03/10, and updated on 01/04/12, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-04

Manuel Perez, P.E. Product Control Examiner NOA No. 12-0118.25

Expiration Date: October 25, 2016 Approval Date: March 15, 2012

Trulite Window & Door Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0325.05 " issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16
- 2. Notice of Acceptance No. 07-1116.11 issued to Saf-Glas, LLC for their "SAF-GLAS Polycarbonate Laminate", dated 12/27/07, expiring on 12/16/12.
- 3. Notice of Acceptance No. 10-0331.02 issued to Cytec Industries, Inc. for their "Uvekol S Laminated Glass Interlayer", dated 05/05/10, expiring on 02/08/14.

F. STATEMENTS

- 1. Statement letter of conformance, complying with the FBC-2010, and of no financial interest, dated January 4, 2012, signed and sealed by Javad Ahmad, P.E.
- 2. Laboratory compliance letter for Test Report No. FTL-3762, issued by Fenestration Testing Laboratory, Inc., dated June 19, 2003, signed and sealed by Joseph Chan, P.E. (Submitted under previous NOA #07-1018.06)
- 3. Laboratory compliance letter for Test Report No. FTL-3758, issued by Fenestration Testing Laboratory, Inc., dated April 10, 2003, signed and sealed by Joseph Chan, P.E. (Submitted under previous NOA #07-1018.06)
- 4. Florida Dept of State, listing of Trulite Window & Door Solutions, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl., dated 02/03/10.
- 5. Certificate of registration of name change from "Trulite Residential Windows, LLC" to "Trulite Window & Door Solutions, LLC" issued by State of Delaware on 10/28/11, signed by J.W. Bullock.
- 6. Certificate of registration of name change from "Arch Windows, LLC" to Trulite Residential Windows, LLC" issued by State of Delaware on 07/27/11, signed by J.W. Bullock.
- 7. Florida Department of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Florida, dated 01/22/10.
- 8. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02/04/10, managed by Arch Intermediate Holding, LLC.

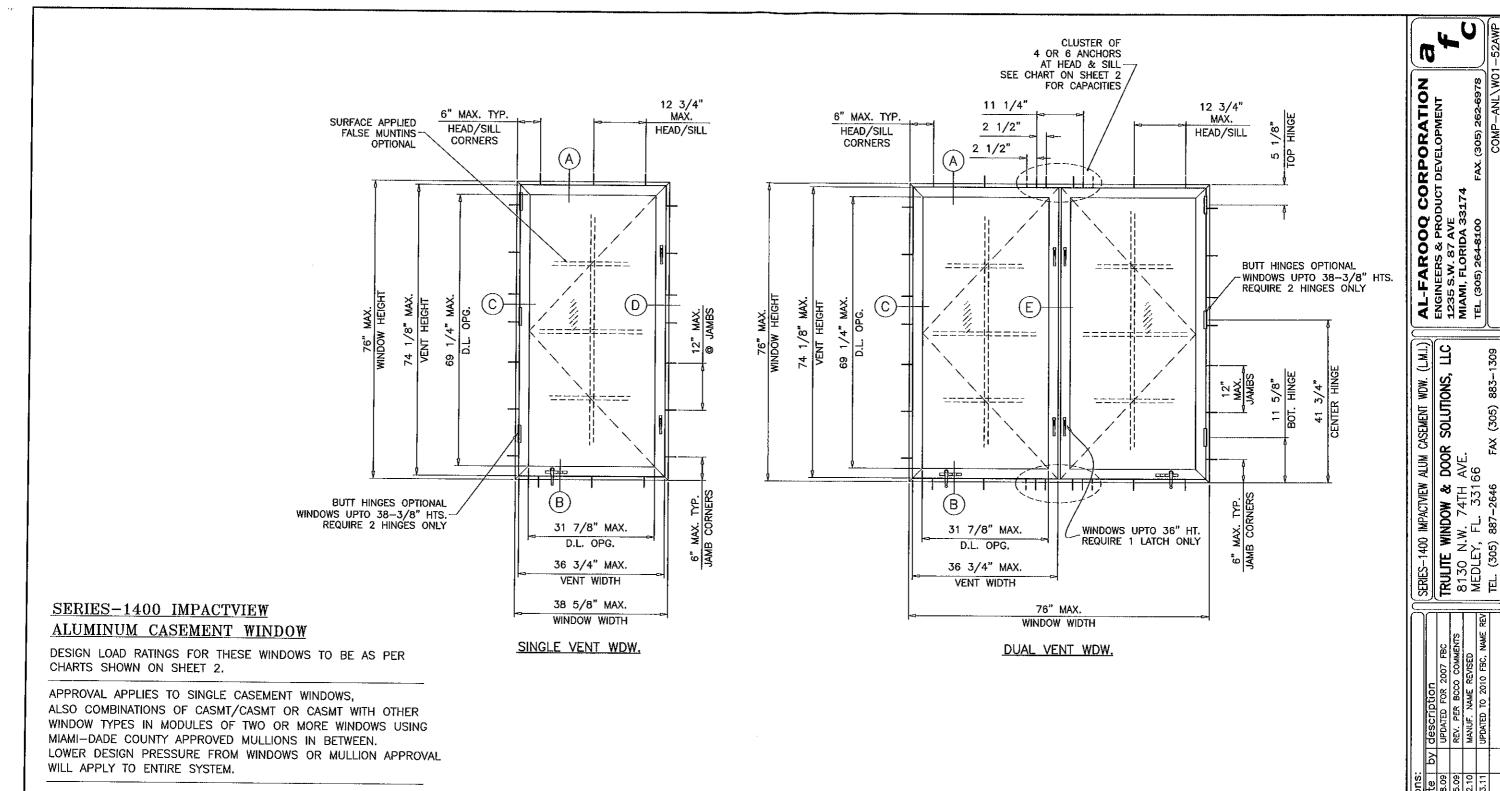
G. OTHER

1. Notice of Acceptance No. 11-0222.03, issued to Arch Windows, LLC dba AWP, for their Series "1400 Impact View" Outswing Aluminum Casement Window – L.M.I., approved on 04/14/11 and expiring on 10/25/16.

Manuel Perez, R.E. Product Control Examiner

NOA No. 12-0118.25

Expiration Date: October 25, 2016 Approval Date: March 15, 2012



THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida Building Code

LAMINATED GLASS

Building Code
Acceptance No 12-018-25
Expiration Date Oct. 25-2016
By Manual Proz Miami Dade Product Control

LARGE MISSILE IMPACT

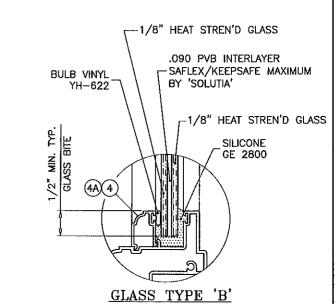
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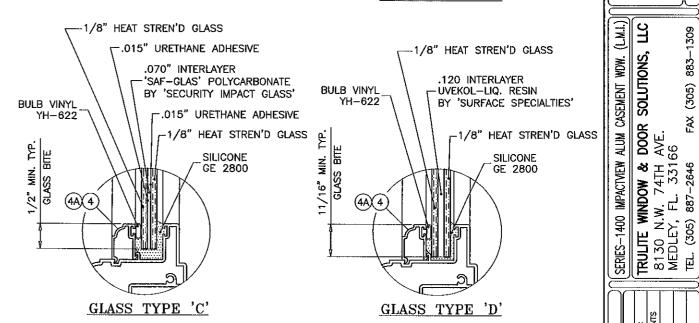
drawing no. W01-52

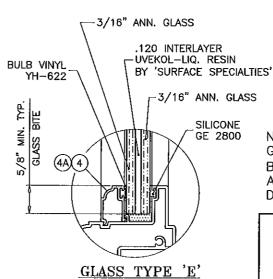
sheet 1 of 7

l															
							1	DESIGN L	OAD CAPA	CITY - I	SF FOR	(XX) S	IZES		
DESIGN	DESIGN LOAD CAPACITY - PSF FOR (X) SIZES							STER OF 4 ANCHORS MPOST LOCATION			CLUSTER OF 6 ANCHORS AT IMPOST LOCATION				
WINDO	WINDOW DIMS. GLASS TYPES 'B', 'C' & 'D'		GLASS TYPE 'E'		WINDOW DIMS.		GLASS TYPES 'B', 'C' & 'D'		GLASS TYPE 'E'		GLASS TYPES 'B', 'C' & 'D'		GLASS TYPE		
WIDTH	HEIGHT	EXT.(+)	.1NT.(~)	EXT.(+)	1NT.()	WIDTH	HEIGHT	EXT.(+)	1NT.()	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-
19-1/8"	26"	75.0	75.0	65.0	65.0	37"	201	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
26-1/2"	(3)	75.0	75.0	65.0	65.0	53-1/8"	26"	75.0	75.0	65,0	65.0	75.0	75.0	65.0	65.0
37"	(0)	75.0	75.0	65.0	65.0	74"	(3)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
19-1/8"	38-3/8"	75.0	75.0	65.0	65.0	37"	No /-11	75.0	75.0	65,0	65.0	75,0	75.0	65.0	65,0
26-1/2"	(4)	75.0	75,0	65.0	65.0	53-1/8"	38-3/8° (4)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
37"		75.0	75.0	65.0	65.0	74"	(4)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
19-1/8"	50-5/8"	75.0	75.0	65.0	65.0	37"	50-5/8"	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
26-1/2"	(5)	75.0	75.0	65.0	65.0	53-1/8"	(5)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
37"	\-'	75.0	75.0	65.0	65.0	74"	(0)	65,2	65.2	65.0	65.0	75,0	75.0	65.0	65.0
19-1/8"	63"	75.0	75.0	65.0	65.0	37"	07#	75.0	75.0	65.0	65.0	75.0	75.0	65,0	65.0
26-1/2"	(6)	75.0	75.0	65.0	65.0	53-1/8"	63" (6)	73.0	73.0 -	65.0	65.0	75.0	75,0	65.0	65.0
37"	```	75.0	75.0	_		74"		52.4	52.4		_	75.0	75.0	-	_
19-1/8"	74-1/4"	75.0	75.0	65.0	65.0	37"	74-1/4"	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
26-1/2"	(7)	75.0	75.0			53-1/8"	(7)	61.9	61.9	-	_	67.0	67.0	-	
37"		75.0	75.0	_		74"		44.4	44.4	_	_	50.6	50.6	_	_
12"		75.0	75.0	65.0	65.0	24"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
18"		75.0	75.0	65.0	65.0	36"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
24"	24"	75.0	75.0	65.0	65.0	48"	24"	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
30"	(3)	75.0	75.0	65.0	65.0	60"	(3)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
36"		75.0	75.0	65.0	65.0	72"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
38"		75.0	75.0	65.0	65.0	76"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
12"		75.0	75.0	65,0	65.0	24"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
18"		75.0	75.0	65.0	65.0	36"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
24"	36"	75,0	75.0	65.0	65.0	48"	36"	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
30"	(3)	75.0	75.0	65.0	65.0	60"	(3)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
36"		70.7	70.7	65.0	65.0	72"		70.7	70.7	65.0	65.0	70.7	70.7	65.0	65.0
38"		66.9	66.9	65.0	65.0	76"		66.9	66.9	65.0	65.0	66.9	66.9	65.0	65.0
12"		75.0	75.0	65.0	65.0	24"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
18"		75.0	75.0	65.0	65.0	36"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
24"	48" (4)	75.0	75.0	65.0	65.0	48"	48"	75.0	75,0	65.0	65.0	75.0	75.0	65.0	65.0
30" 36"	(+)	75.0	75.0	65.0	65.0	60"	(4)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
38"		70.7	70.7	65.0	65.0	72"		70.7	70.7	65.0	65.0	70.7	70.7	65.0	65.0
12"		66.9 75.0	66.9	65.0	65.0	76"		66.9	66.9	65.0	65.0	66.9	66.9	65.0	65.0
18"		75.0	75.0 75.0	65.0	65.0	24"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
24"	60"	75.0	75.0	65.0 65.0	65.0 65.0	36" 48"		75.0	75.0	65.0	65.0	75.0	75.0	65.0	65,0
30"	(5)	75.0	75.0	65.0	65.0	60"	60" (5)	75.0	75.0	65.0	65.0	75.0	75.0	65.0	65.0
36"	` '	70.7	70.7	- 05.0	-	72"	(0)	67.8	67.8	65.0	65.0	75.0	75.0	65.0	65.0
38"	ŀ	66.9	66.9			72 76"		56.5	56.5			70.7	70.7		
12"	-	75.0	75.0	65.0	65.0	24"		53.6 75.0	53.6 75.0	- 65.0	65.0	66.9	66.9		- CE ^
18"	ŀ	75.0	75.0	65.0	65.0	36"		75.0	75.0	65.0 65.0	65.0	75.0	75.0	65.0	65,0
24"	72"	75.0	75.0	65.0	65.0	48"	72"	70.7	70.7	65.0	65.0 65.0	75.0 75.0	75.0 75.0	65.0	65.0
30"	(6)	75.0	75.0	_	-	60"	(6)	56.5	56.5	-	- 05.0			65.0	65,0
36"		70.7	70.7		_	72"	("	47.1	47.1			66.3	66.3		
38"	ŀ	66.9	66.9			76"		44.6				57.1	57.1		
12"		75.0	75.0	65.0	65.0	24"		75.0	44.6 75.0	65.0	65.0	54.8 75.0	54.8 75.0	- 65.0	CE 0
18"	ŀ	75.0	75.0	65.0	65.0	36"		75.0	75.0	65.0 65.0	65.0	75.0	75.0	65.0	65.0
24"	76"	75.0	75.0	65.0	65.0	48"	76"	66.9	66.9	65.0	65.0	75.0	75.0	65.0	65.0
30"	(7)	75.0	75.0	-	- 05.0	60"	(7)	53.6	53.6	- 00.0	65.0	68.4 56.0	68.4	65.0	65.0
36"	}	75.0	75.0			72"	` '	44.6	44.6		-		56.0		
38"	}	74.0	74.0			76"	ŀ	42.3	42.3		- <u>-</u>	48.0 46.0	48.0 46.0		
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GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



PRODUCT REVISED as complying with the Florida **Building Code** Acceptance No 12-011 Expiration Date Oct. 2

5,2016		:
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To ¹		

drawing no. W01-52

HAMID

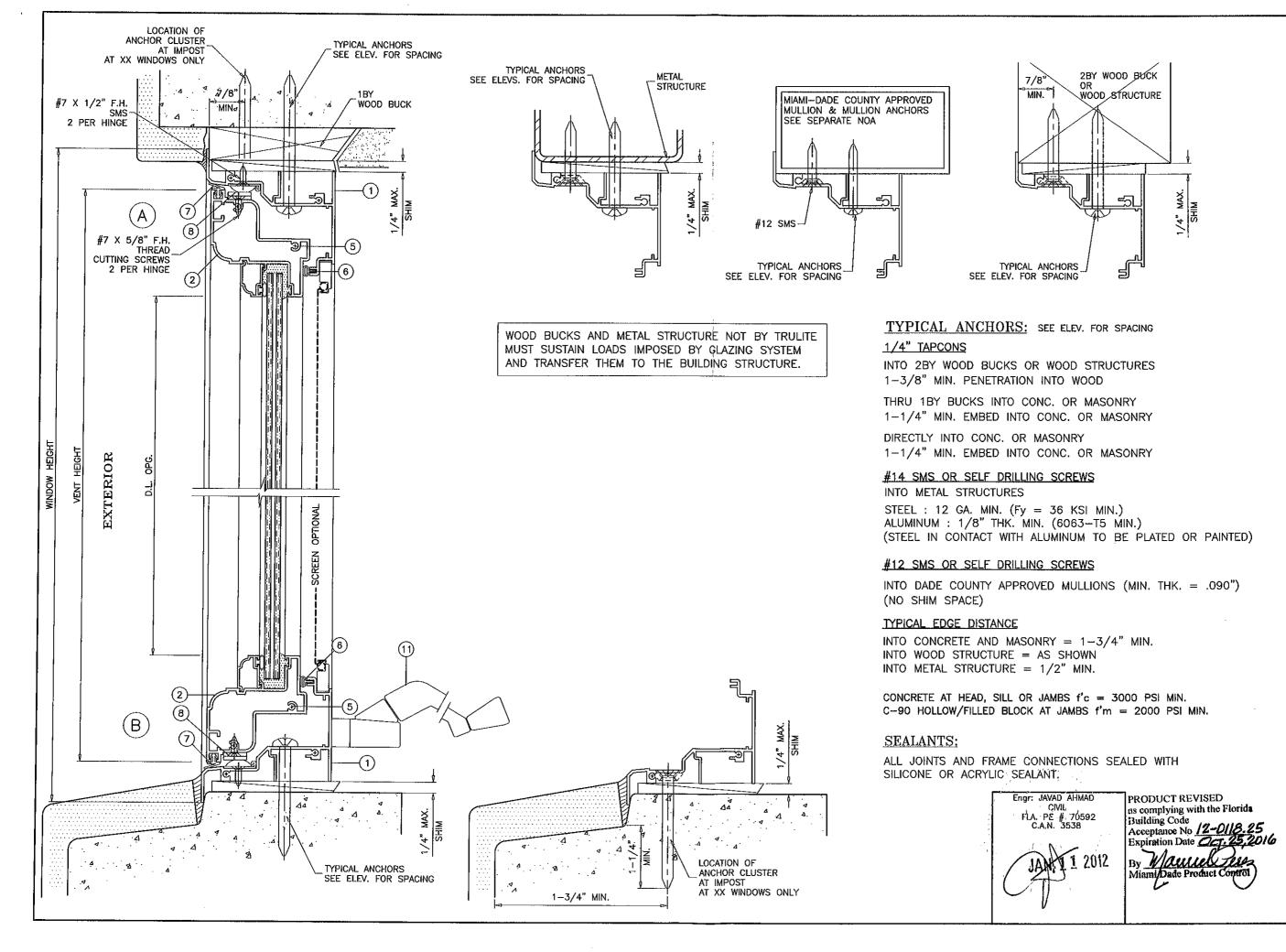
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978

sheet 2 of 7

08-08-01

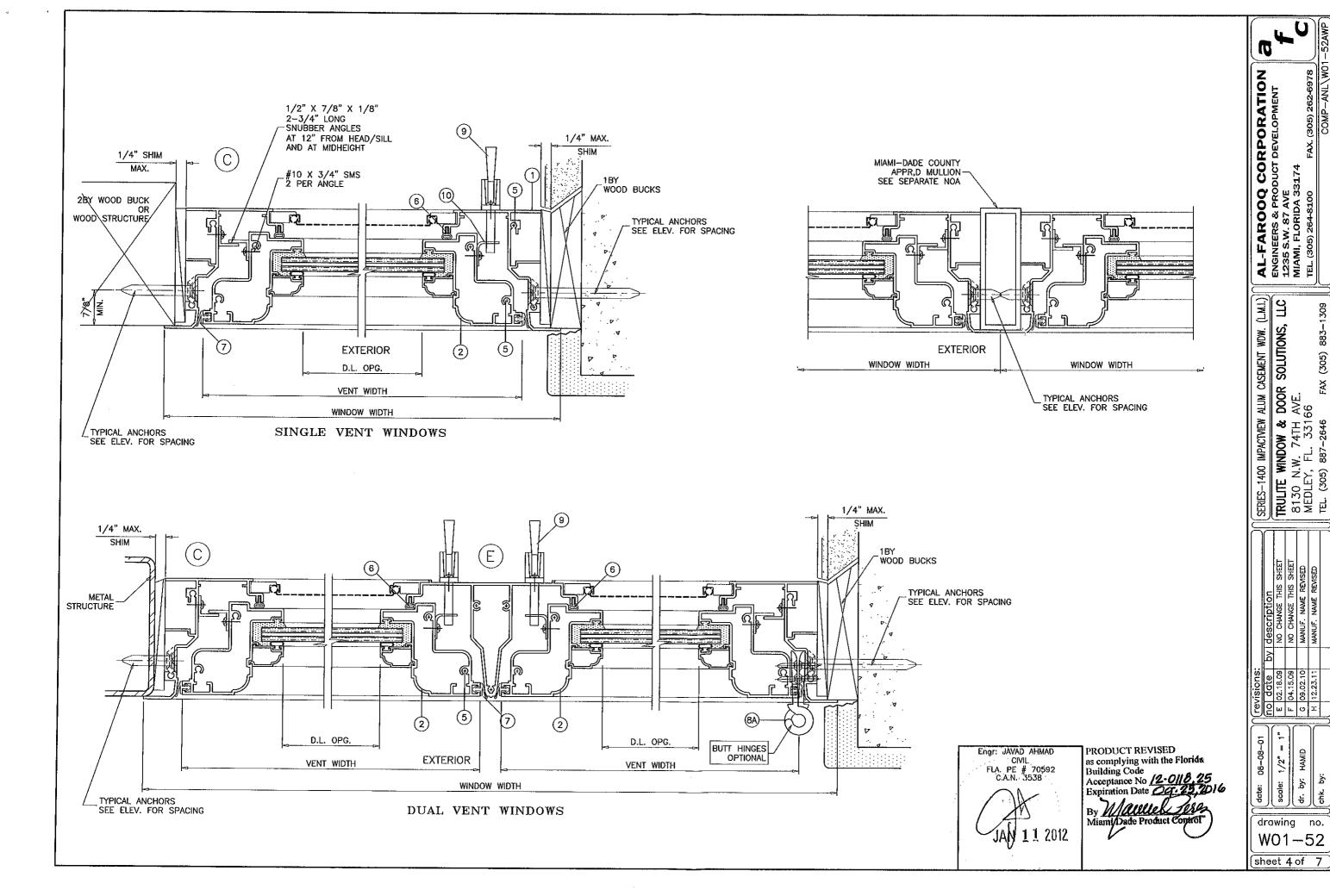
GLAZING OPTIONS

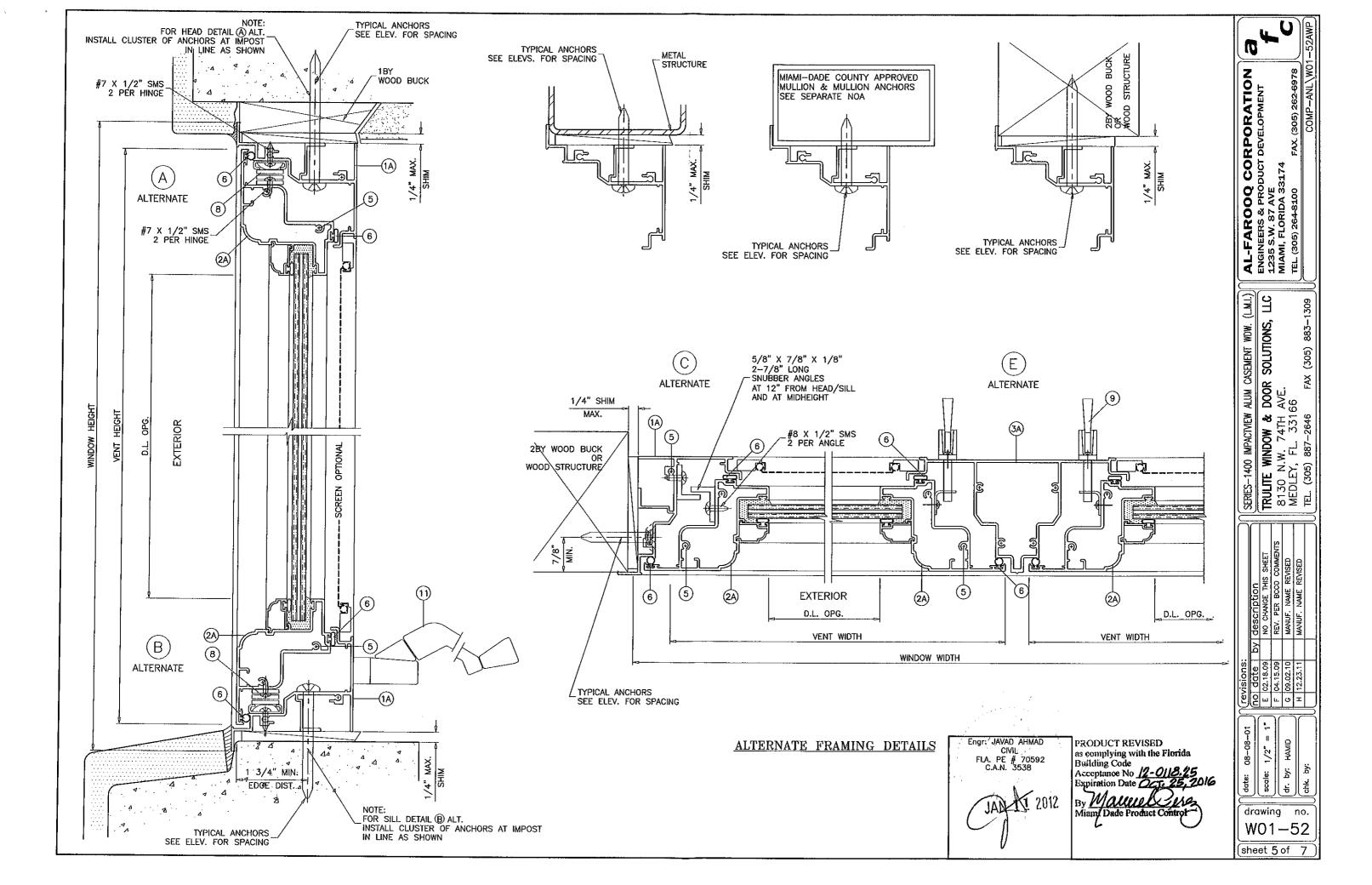


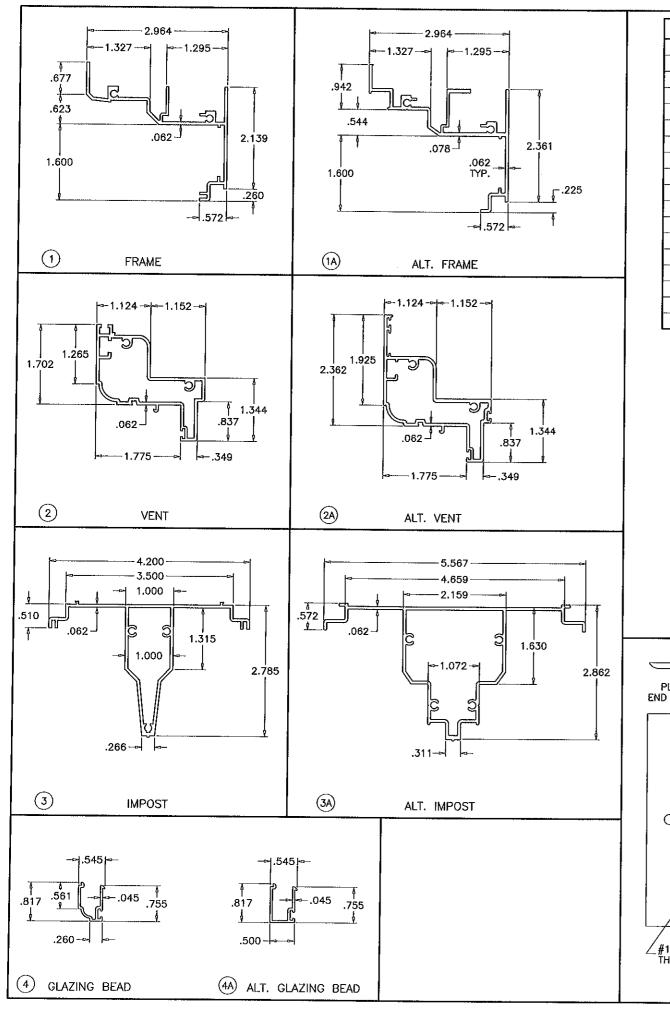
TRULITE WINDOW & DOOR SOLUTIONS, L
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2645

drawing no. W01-52

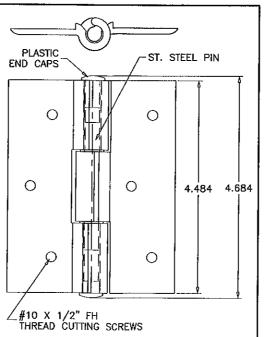
sheet 3 of 7







ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YE-1401	4	FRAME	6063~T5	_
1A	YE-1421	4	ALT. FRAME	6063-T5	_
2	YE-1402	4	VENT	6063-T5	-
2A	YE-1420	4	ALT. VENT	6063-T5	_
3	YE-1404	1	CENTER POST	6063-T5	_
3A	YE-1424	1	ALT. CENTER POST	6063-T5	-
4	YE-1403	AS REQD.	GLAZING BEAD	6063-T5	_
4A	YE~1409	AS REQD.	ALT. GLAZING BEAD	6063-T5	_
5	#8 X 1"	AS REQD.	FRAME AND VENT ASSEMBLY SCREWS	_	-
6	YH-1409W	AS REQD.	BULB WEATHERSTRIPPING	VINYL	SULLIVAN & SULLIVAN
7	YH-920	AS REQD.	LEAF WEATHERSTRIPPING	VINYL	SULLIVAN & SULLIVAN
8	31858/31862	2/ VENT	2 BAR HINGE, AT TOP AND BOTTOM	STEEL	TRUTH
A8	YH~650	3/ VENT	BUTT HINGES (ALT. TO BAR HINGES)	_	ATTACHED W/ (6) #10 X 1/2" FH SCREWS
9	YH-1420	SEE ELEV.	FACE MOUNT LOCK	ZAMAK	TRUTH, AT 13-1/2" FROM BOT. & 17-1/2" FROM TOP
10	YH-1410	1/ LOCK	LOCK KEEPER, AT FRAME JAMB FACING LOCK	STEEL.	YALE, AT 13-1/2" FROM BOT. & 17-1/2" FROM TOP
11	YH-1453	1/ VENT	ROTO OPERATOR	ZAMAK/STL.	TRUTH, AT 12" FROM ENDS
12	YH-1411	1/ CORNER	FRAME CORNER KEY	_	YALE (7/8" X 2" X 1/8" X 2" LONG)
13	YH1408	1/ CORNER	VENT CORNER KEY	_	DECO



BUTT HINGE

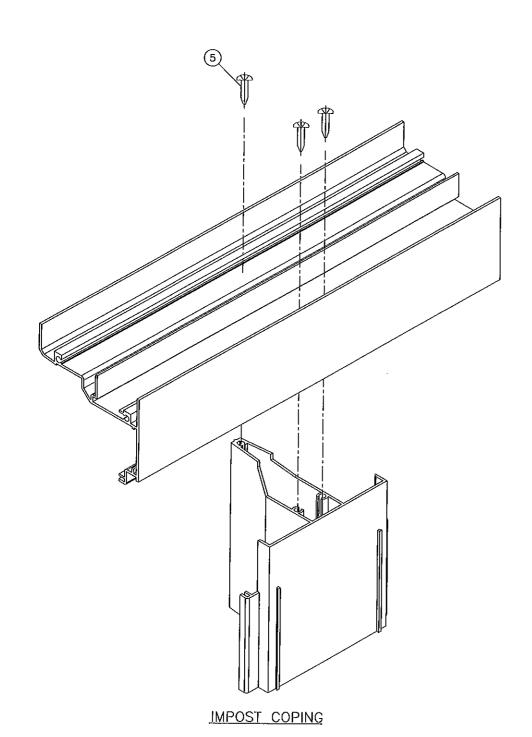
Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

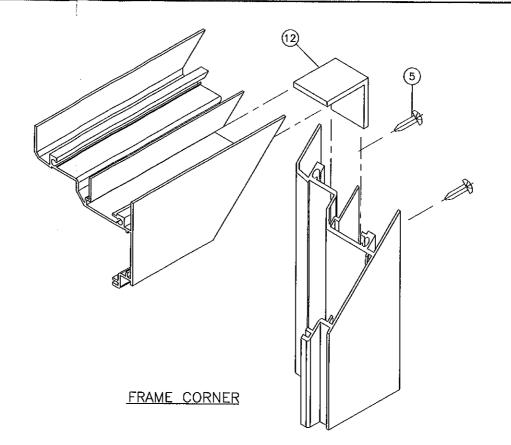
PRODUCT REVISEO
as complying with the Florida
Building Code
Acceptance No 12-0110.25
Expiration Date 25, 2016
By Maure Survey
Miami Dade Product Control

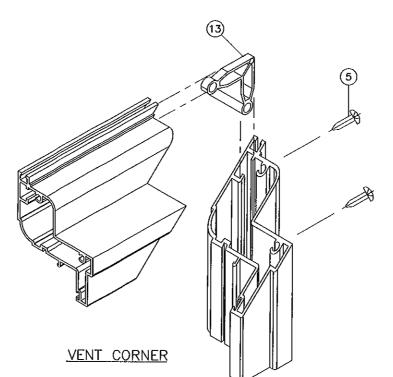
Address OB-O8-O1 Cevisions: Cevision
date: 08-08-01 scale: 1/2" = 1" dr. by: HAMID Ar. by: HAMID
date: 08-08-01 scale: 1/2" = 1" dr. by: HAMID Ar. by: HAMID
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W01-52
sheet 6 of 7

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

| SERIES-1400 IMPACTVIEW ALUM CASEMENT WDW. (LM.I.) | TRULITE WINDOW & DOOR SOLUTIONS, LLC 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 | TEL (305) 887-2646 FAX (305) 883-1309 | TEL (305) 887-2646 FAX (305) 887-2







Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 12-0118.25 Expiration Date 007.25,2016 By Miami Pade Product Control

AL-FAROOQ CORPORATION
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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

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